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Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number 10/604,714

Filing Date August 12, 2003

First Named Inventor Cooper

Art Unit 3672

Examiner Name

Attorney Docket Number 78,1134

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (F known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
THE		US- 3766992 B1	10/23/1973	Tirapolsky, et al.	
1		US- 3802515 B1	04/09/1974	Flamand, et al.	
		^{US-} 4313570 B1	02/02/1982	Olsen	
		^{US-} 4343370 B1	08/10/1982	Chatard et al.	
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- 1		^{US-} 4637479 B1	01/20/1987	Leising	
		^{US-} 4688647 B1	08/25/1987	Daly et al.	
		US- 4755016 B1	07/05/1988	DeLoach Jr et al.	
		^{US-} 4836301 B1	06/06/1989	Van Dongen et al.	
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	<u> </u>	^{US-} 5651421 B1	07/29/1997	Newton et al.	
	<u> </u>	^{US-} 5679894 B1	10/21/1997	Kruger et al.	
		us- 5699868 B1	12/23/1997	Caraway et al.	
		US- 5911285 B1	06/15/1999	Stewart et al.	
	<u> </u>	us- 5967244 B1	10/19/1999	Arfele	
	<u> </u>	^{US-} 6098728 B1	08/08/2000	Wells et al.	
1	<u> </u>	^{US-} 6227316 B1	05/08/2001	Rohde	
APS	1	US- 2003/0010532 A1	01/16/2003	Kristiansen et al.	

Examiner initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
		Country Code ³ Number * "Kind Code ⁸ (if known)	MM-DD-YYYY			
HA		WO 01/98660 A2	12/27/2001	Weatherford		
ZZX		EP 0131451 A2	01/16/1985	Intech Oil Tool		
SHOT		GB 2345934 A	07/26/2000	Baker Hughes		L
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Examiner Signature	Alackan	Date Considered	7/0	38/05	_

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